

Johnston Ridge Observatory & Hummocks Trail

10:00 Arrival Time

Before you leave

Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete their assigned activities and for supervising their student groups' behavior at all times.

Leave your school and drive on I-5 to the Castle Rock exit #49. Drive to the Johnston Ridge Observatory on State Route 504. Review the Monument's rules and regulations, and complete "Reading the Landscape" mapping activity en route.

10:00 to 10:10

Upon arrival to the Johnston Ridge Observatory have your students wait on the bus while a chaperone walks up to inform us of your arrival (we try to have the ranger waiting in the pickup drop off zone). A ranger will board your bus and review rules and behavioral expectations.

10:10 to 10:40

Students use information from exhibits inside the Observatory to complete the worksheet "Constructive Destruction".

10:40 to 11:00

Watch the 10:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption and subsequent dome building eruptions. **Theater doors close automatically at 10:40. No admittance after the movie begins, next show starts at 11:10.**

11:00 to 11:30

Students use information from exhibits inside the Observatory to complete the worksheet "Constructive Destruction".

11:30 to 12:00

Ask the ranger and the information desk to make an announcement directing students to return to the bus. Depart for Coldwater Lake Recreation Area.

12:00 to 12:30

Eat lunch. Make sure students use the restrooms and fill their water bottles here. There are no bathrooms or water at the next stop.

12:30 to 12:35

Drive to the 'Hummocks Trail'. Before exiting the bus, explain the importance of students staying on the trail at all times. This is a research area. It is a privilege to be able to hike through this area. **There is a \$100 fine for anyone that walks off trail, collects rocks, plants, or animals, and for anyone that disturbs research equipment (pipes, stakes and flagging).**

12:35 to 2:45

The Hummocks Trail is a moderately difficult, 2.3-mile long loop trail that traverses through the May 18, 1980, landslide. Conduct one of the "Hummocks Trail" lesson plans posted on the teachers corner:

If you want to examine the 1980 landslide in detail conduct: Geology Jigsaw Puzzles".

If you want to examine the development of habitats on the landslide deposit conduct: "Hummock Habitats

2:45 to 3:00

Drive to Coldwater Lake Recreation Area for a bathroom break and depart for your school. Conduct "Volcanoes A-Z" activity en route to your school.